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Mr. James Saric
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Subject:
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Progress Report – Area 1 (September 2007)

INDUSTRIAL

Dear Jim:

Attached is the seventh monthly progress report for the Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site Supplemental RI/FS – Area 1. This progress report is submitted as per Section 7.1 of the Statement of Work (SOW) for the February 2007 Administrative Settlement Agreement and Order on Consent (AOC) for Remedial Investigations/Feasibility Studies (Docket No. V-W-07-C-864).

If you have any questions, please do not hesitate to contact me.

Sincerely,

ARCADIS of New York, Inc.

Michael J. Erickson, P.E.
Associate Vice President

Attachment

Copies:
Michael Berkoff, USEPA
Sam Chummar, USEPA
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Bonnie Barnett, Esq., Drinker Biddle & Reath LLP
Steven Cook, Esq., Millennium Holdings, LLC
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Date:
October 15, 2007

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MONTHLY PROGRESS REPORT FOR THE ALLIED PAPER, INC./PORTAGE CREEK/ KALAMAZOO RIVER SUPERFUND SITE SRI/FS AREA 1 (MORROW DAM TO PLAINWELL DAM)

REPORT #7, SEPTEMBER 2007

PREPARED BY ARCADIS BBL
OCTOBER 15, 2007

ON BEHALF OF THE KALAMAZOO RIVER STUDY GROUP (KRSG)

SUBMITTED TO

JAMES SARIC, REMEDIAL PROJECT MANAGER
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Monthly Progress Report for the Allied Paper, Inc./Portage Creek/ Kalamazoo River Superfund Site SRI/FS – Area 1

REPORT #7, SEPTEMBER 2007

Significant Developments and Activities during the Period, Including Actions Undertaken Pursuant to the AOC and SOW

- During the week of September 3, ARCADIS BBL sent access request letters for the upcoming SRI field sampling activities. ARCADIS BBL has been granted access from seven property owners for 14 parcels as of September 30.

- On September 4, ARCADIS BBL received from the Michigan Department of Environmental Quality (MDEQ) corrected pages for CDM's Inlet/Outlet Investigation Report.

- On September 5, the United States Environmental Protection Agency (USEPA) forwarded to the KRSG its comments on the draft *Multi-Area Field Sampling Plan* (FSP), which was submitted to USEPA on April 25, 2007. This report is discussed in Section 1.2.1.1 of the SOW.

- On September 6, USEPA notified KRSG that USEPA, including the BTAG, preferred Dr. Ken Dickson for selection as the Peer Review Manager.

- On September 12, USEPA forwarded to ARCADIS BBL information from the USEPA FIELDS personnel about reconnaissance USEPA conducted adjacent to the Crown Vantage landfill.

- On September 13, ARCADIS BBL forwarded to USEPA three boxes containing example data packages for the data usability determination.

- On September 21, ARCADIS BBL provided to USEPA responses to the USEPA's comments on the FSP. A copy was forwarded to USEPA on September 25.

- On September 21, ARCADIS BBL submitted the first semi-annual progress report to USEPA. This report is discussed in Section 7.2 of the SOW and covers the period of February 2007 through July 2007.

- On September 21, ARCADIS BBL forwarded to USEPA additional copies of the June 2007 Conceptual Site Model (CSM) and the March 2007 Master Schedule.

- On September 24, USEPA notified the KRSG of its approval of the FSP.

- On September 28, ARCADIS BBL made arrangements with MDEQ, with corresponding communications to USEPA, to facilitate MDEQ oversight of Phase 1 SRI field activities conducted in Portage Creek and the Kalamazoo River.

Monthly Progress Report for the Allied Paper, Inc./Portage Creek/ Kalamazoo River Superfund Site SRI/FS – Area 1

REPORT #7, SEPTEMBER 2007

- The KRSG awaits USEPA's comments on the draft CSM, which was submitted to the USEPA on June 21, 2007. This report is discussed in Section 1.2.1.4 of the SOW.

- The KRSG awaits receipt of the signed approval sheet from the final *Multi-Area Quality Assurance Project Plan* (QAPP), which was submitted to USEPA on June 29, 2007. An additional copy of this sheet was forwarded to USEPA on September 11, 2007

- The KRSG awaits USEPA's response to the letter requesting USEPA's data usability determination for existing data for purposes of the SRI/FS, which was submitted to USEPA on August 27, 2007.

- The KRSG awaits acceptance of the *Data Management Plan* (see Section 1.3 of the SOW), which was submitted to USEPA on June 8, 2007.

Data Collected and Field Activities Conducted During the Period

- During the week of September 24, ARCADIS BBL began the Phase 1 field work outlined in the SRI Work Plan. As per Section 48b of the AOC, ARCADIS BBL notified USEPA and MDEQ in advance of the start of sample collection activities. ARCADIS BBL personnel performed sediment probing along transects in Portage Creek (transects PCT1 through PCT43) from September 25 through 28. Table A summarizes the data gathered.

Laboratory Data Received During the Period

- No data were received during this period.

Problems

- No problems were encountered this reporting period.

Actions Taken to Correct Problems

- No activity required.

Developments Anticipated During the Next Reporting Period

- The KRSG will continue to work on the Baseline Ecological Risk Assessment (BERA) Report Peer Review Process (see Section 1.2.1.3 of the SOW) and the Risk Assessment (RA) Framework (see Section 1.2.1.5 of the SOW).

Monthly Progress Report for the Allied Paper, Inc./Portage Creek/ Kalamazoo River Superfund Site SRI/FS – Area 1

REPORT #7, SEPTEMBER 2007

- ARCADIS BBL will continue to collect SRI data in October 2007, including sediment samples in Portage Creek and the Kalamazoo River, and water samples in the Kalamazoo River. ARCADIS BBL will complete the Portage Creek sediment probing on October 2, 2002 (transects PCT44 through PCT53).

- The *Multi-Area Field Sampling Plan* is due to the USEPA on October 22, 2007.

Kalamazoo River Study Group
Allied Paper, Inc./Portage Creek/Kalamazoo River Superfund Site
Supplemental Remedial Investigations/Feasibility Studies
Monthly Report #7, September 2007

Table A — Portage Creek Sediment Probing — September 2007

Transect	Date	Transect Description	Total Width (ft)	Number of Probing Locations	Average Water Depth (ft)	Average Sediment Depth (ft)	Right Bank Description	Left Bank Description
PCT1	9/25/2007	Alcott Street Bridge, channelized raceway	28	7	0.4	0.0	20 ft concrete wall	20 ft concrete wall
PCT2	9/25/2007	No Access - Restricted Area						
PCT3	9/25/2007	50 ft upstream of Bryant Street	25.5	6	1.1	0.7	3.5 ft concrete wall/retaining wall	8.0 ft concrete wall sloped up to top of bank
PCT4	9/25/2007	122 ft downstream of Bryant Street	27.9	7	1.0	0.3	8 ft concrete retaining wall, raceway	8 ft concrete retaining wall
PCT5	9/25/2007	322 ft downstream of Bryant Street	27.9	7	0.7	0.5	8 ft concrete retaining wall, raceway	8 ft concrete retaining wall
PCT6	9/25/2007	522 ft downstream of Bryant Street	39	9	0.5	0.3	8 ft concrete retaining wall, raceway	5 ft concrete retaining wall
PCT7	9/25/2007	722 ft downstream of Bryant Street	21	6	0.7	0.3	7 ft concrete wall, downstream cobble and concrete	6 ft concrete wall, downstream cobble and concrete
PCT8	9/25/2007	+/- 55 ft upstream of Reed Street Bridge	33.6	8	0.7	1.1	6 ft cobble and concrete mix	6 ft cobble and concrete mix
PCT9	9/26/2007	255 ft downstream of Reed Street Bridge	23.5	6	1.0	0.6	4 ft sloped soil - wooded area	7 ft concrete wall
PCT10	9/26/2007	455 ft downstream of Reed Street Bridge	25	6	1.5	0.8	3 ft sloped soil - wooded area	6 ft concrete wall, downstream cobble and concrete
PCT11	9/26/2007	655 ft downstream of Reed Street Bridge	25	6	1.0	0.8	1.5 ft steep - wooded area	4 ft concrete wall
PCT12	9/26/2007	855 ft downstream of Reed Street Bridge	23	6	0.8	0.2	1.5 ft steep soil - wooded area	4 ft concrete wall
PCT13	9/26/2007	1055 ft downstream of Reed Street Bridge	34	8	0.9	1.5	1.5 ft steep soil grass moderate trees	1.5 ft steep soil, grass with ash and cider
PCT14	9/26/2007	1255 ft downstream of Reed Street Bridge	22	6	1.0	0.7	6 ft steep concrete soil trees	3 ft steep heavy brush
PCT15	9/26/2007	1455 ft downstream of Reed Street Bridge	22	6	0.6	0.0	7 ft concrete wall	7 ft concrete wall
PCT16	9/26/2007	174 ft downstream of Stockbridge Avenue	28.7	7	1.2	2.4	5 ft steep soil, moderate brush/trees	4 ft steep soil, moderate brush/trees, moderate sapling
PCT17	9/26/2007	374 ft downstream of Stockbridge Avenue	25.4	7	1.0	1.4	6 ft steep soil/rock, moderate trees	4 ft steep soil, moderate trees
PCT18	9/26/2007	574 ft downstream of Stockbridge Avenue	30.4	8	1.1	2.5	5 ft steep soil, moderate small trees	5 ft steep soil, moderate mature trees
PCT19	9/26/2007	774 ft downstream of Stockbridge Avenue	30	7	0.8	3.8	4 ft steep bank, heavily vegetated	5 ft steep bank, moderate vegetation
PCT20	9/26/2007	974 ft downstream of Stockbridge Avenue +/- 6 ft upstream of Lake Street Bridge	25.5	7	1.5	2.8	5 ft concrete wall	5 ft concrete wall
PCT21	9/26/2007	150 ft downstream of Lake Street	33.2	8	1.0	3.7	3 ft steep soil, moderate vegetation trees	3 ft steep soil, moderate trees

Transect	Date	Transect Description	Total Width (ft)	Number of Probing Locations	Average Water Depth (ft)	Average Sediment Depth (ft)	Right Bank Description	Left Bank Description
PCT22	9/27/2007	350 ft downstream of Lake Street	31.3	8	1.1	4.3	6 ft steep bank soil, moderate vegetation and trees	4 ft steep bank soil, moderate vegetation and trees
PCT23	9/27/2007	550 ft downstream of Lake Street	34.6	8	1.1	4.1	7 ft steep soil bank, slight vegetation, heavy trees	3 ft steep soil bank, moderate vegetation/trees
PCT24	9/27/2007	750 ft downstream of Lake Street	29.6	7	1.1	4.4	6 ft steep soil bank, heavy vegetation, slight trees	3 ft steep soil bank, moderate vegetation/trees
PCT25	9/27/2007	950 ft downstream of Lake Street	24.9	6	1.5	4.9	5 ft steep soil bank, heavy trees	3 ft steep soil bank, grass area
PCT26	9/27/2007	100 ft downstream of Crosstown Parkway	36.9	9	0.9	5.2	2 ft steep soil bank, grass	5 ft moderate soil bank, grass
PCT27	9/27/2007	300 ft downstream of Crosstown Parkway	40.6	10	0.8	5.6	2 ft steep soil bank, grass	3 ft steep soil bank, moderate tree
PCT28	9/27/2007	At downstream side of East Vine Street Bridge	29	7	0.8	2.0	5 ft concrete wall	5 ft concrete wall
PCT29	9/27/2007	200 ft downstream of East Vine Street Bridge	24.4	6	1.5	4.7	3 ft steep soil bank, moderate vegetation/trees	6 ft concrete wall, black top pavement
PCT30	9/27/2007	400 ft downstream of East Vine Street Bridge	29	7	1.2	1.7	6 ft concrete headwall	4 ft caged rip rap
PCT31	9/27/2007	160 ft downstream of East Dutton Street	31.6	8	1.9	4.1	6 ft steep soil bank, grass, moderate trees	4 ft steep soil bank, moderate vegetation, trees
PCT32	9/28/2007	Approximately 200 ft downstream of Transect PCT31	34.3	8	1.1	5.8	4-5 ft steep slope, moderate vegetation (trees)	6 ft concrete retaining wall
PCT33	9/28/2007	Downstream of Walnut Street Bridge	42.1	10	0.8	6.3	6 ft mortared slab rock retaining wall	5-6 ft concrete changing to mortared slab rock retaining wall
PCT34	9/28/2007	Downstream of Walnut Street Bridge	41.6	9	0.9	5.1	~5 ft mortared rock slab retaining wall	~5 ft mortared rock slab retaining wall
PCT35	9/28/2007	Downstream of Portage Street Bridge	41.3	9	0.8	2.5	5 ft mortared slab retaining wall	5 ft mortared slab retaining wall
PCT36	9/28/2007	Downstream of Portage Street Bridge	24.6	6	1.8	2.1	~7.5 ft mortared stone retaining wall	~7 ft mortared stone retaining wall
PCT37	9/28/2007	Downstream of Portage Street Bridge	41.2	9	0.8	2.8	~6 ft caged cobble retaining wall, moderate vegetation, ~45 degrees	~6 ft caged cobble retaining wall, moderate vegetation, ~45 degrees
PCT38	9/28/2007	Downstream of Portage Street Bridge	45.3	10	0.8	3.2	~7 ft caged cobble retaining wall, moderate vegetation, ~45 degrees	~6 ft caged cobble retaining wall, moderate vegetation, ~45 degrees
PCT39	9/28/2007	Downstream of Pitcher Street Bridge	32	8	1.1	2.6	~6 ft caged cobble retaining wall, moderate vegetation	~7 ft caged cobble retaining wall, slight vegetation, ~45 degrees
PCT40	9/28/2007	Downstream of Pitcher Street Bridge	36.9	9	0.9	3.3	~7 ft total, ~4 ft soil bank, additional 3 ft concrete retaining wall, moderate vegetation	~6 ft soil bank, steep, moderate/heavy vegetation
PCT41	9/28/2007	Downstream of Railroad Crossing over Portage Creek	37	9	0.8	2.9	6 ft total, Railroad ballast moderate slope up to ~3 ft, 3-6 ft vertical wood timber retaining wall for railroad bridge	3 ft soil bank, steep
PCT42	9/28/2007	Downstream of Railroad Crossing over Portage Creek	28.5	7	1.3	2.8	~6 ft soil bank, moderate/steep slope, moderate/heavy vegetation	~10 ft soil bank, steep slope, moderate/heavy vegetation
PCT43	9/28/2007	At Railroad Crossing over Portage Creek (Downstream Side)	20.9	6	0.7	0.1	~7 ft concrete footer/retaining wall for railroad bridge	~7-8 ft stepped concrete footer/retaining wall for railroad bridge